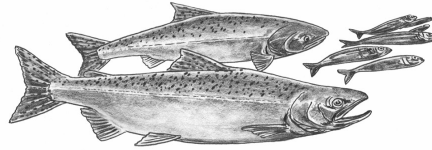


1998 Sediment Basin Excavation on Chimacum Creek



Why was restoration needed?

The basin was constructed in 1985 to capture material that entered Chimacum Creek due to a very large land slide approximately 0.5 miles upstream of the basin. In 1996, the slide area became active again and approximately 16,000 cubic yards of sand and gravel slid toward the creek. This sediment could negatively affect coho spawning habitat.



Project Overview

Location: Sediment Basin at Chimacum Creek river mile 9.2

Amount of sediment entering creek from landslide: 16,000 cu. Yards.

Depth of excavated : depth of 6ft.

Two 12-yard dump trucks were rented with funds from NOSC and the basin was excavated to a depth of 6 ft and the spoils were spread on an adjacent field. By excavating the basin once it was full, the material the entered the creek due to the landslide was able to be captured. Directly below the basin is coho spawning habitat that would be negatively impacted. In 1997-1998, 80 coho redds were counted in the 0.5 miles below the basin.

Project Sponsor

Jefferson County Conservation District

Project Partners

North Olympic Salmon Coalition, Wild Olympic Salmon

